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UNITED STATES DEPARTMENT OF AGRICULTURE

Bureau of Agricultural Economics

IDAHO

A Preliminary List of the Sources of Agricultural Statistics

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I N T R O D U C T I O N

This compilation is a preliminary listing of the principal sources which should be examined for the agricultural statistics of the State of Idaho, by anyone who is considering making an index to these statistics similar to the one which has been made for Alabama (Agricultural Economics Bibliography No. 15). The list is fairly complete for those publications which are in the Library of the U.S. Department of Agriculture and in the Library of Congress. It is probable, however, that some additional sources may be discovered in the detailed indexing, which are not noted in this preliminary survey of the publications. This list is divided into four parts: (1) state official, (2) federal official, (3) unofficial, and (4) periodical publications. The state official sources listed have been examined and a somewhat detailed statement made indicating the kind of agricultural statistics to be found in them. The items in the other three groups, with two or three exceptions, have not been examined. These are included as possible sources, which should be examined. Many of these may not contain agricultural statistics. On the other hand they may yield material of value either in actual statistics or in references to sources not noted herein. The list of federal official sources includes only those publications which deal exclusively with Idaho or with the Northwestern States. The necessity for examination of the statistics of the Northwestern States is shown by the following condensed outline of the history of the area which is now the State of Idaho:

Prior to 1820 Columbia River Country

1820-48 Oregon country

1848-63, Oregon Territory, Oregon & Wash. Territory, Wash. Territory

1863-90 Idaho Territory

1890 (July 3) Statehood.

The statistics for Idaho which are contained in such publications as the Yearbook of the U.S. Department of Agriculture will be brought out when these publications are indexed for all of the states. This work has been begun. When it is finished the references to each state can be incorporated in the index for that state, thus making a complete index to the sources of the agricultural statistics of that state.

The list of unofficial publications is probably the least important group of all as many of the statistics contained therein are quoted from official sources. If, however, an unofficial publication is well documented it may lead to a valuable primary source of statistical material.

The periodicals are listed primarily as sources of prices of agricultural commodities. A few other statistics may be found scattered here and there. The fact that they are so scattered may make the detailed indexing of them especially important.

Someone may question the usefulness of making this preliminary survey, objecting that we know already in a general way where to look for agricultural statistics. Others may think that this list is sufficient and that a more detailed index is unnecessary.

To the first we would reply that the general knowledge of sources such as is gained through reference work is gathered piecemeal. It is well to bring all these bits of knowledge together as one fits together the parts of a puzzle until the whole stands out clearly. This gives a better idea of the work to be done and of the best place to begin. Much labor may be saved by indexing, simultaneously, primary and secondary sources. For instance the number and value of dairy cattle as determined by the State Equalization Board and issued in its Proceedings are frequently found also in the Auditor's report or the report of the State Tax Commissioner.

Such a preliminary survey as this may be of definite assistance also in helping a library fill the gaps in its files, as the list may reach persons who otherwise would never know the files were incomplete. Some of the files in the library of the U.S. Department of Agriculture are incomplete as this list shows. It is earnestly hoped that anyone who is able to supply missing issues will do so. We shall be glad to send a frank for the free mailing of publications to complete the sets in our National Agricultural Library.

For the information of those who think that this preliminary list makes a more detailed index unnecessary we would like to state that a circular letter was sent out with the Alabama index to the State agricultural economists asking the specific question as to whether the index was too detailed. Almost with one accord the replies came back "the more detailed the better." We also have found this true from our own experience. The index which directs one to volume and page is infinitely more useful in answering a hurried telephone request than a general reference to statistical material from which the item desired must be selected.

We, therefore, present this Preliminary List of the Sources of the Agricultural Statistics of Idaho as a sample of the kind of list which is desirable before undertaking a more detailed index for any state similar to the one for Alabama.

SOURCES CONSULTED

Card catalogues of the following libraries:

U.S. Department of Agriculture (Including bibliographies).

U.S. Department of Agriculture. Bureau of Agricultural Economics.

Library of Congress

Agricultural Index, 1916- date.

IDAHO

A Preliminary List of the Sources of Agricultural Statistics

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State Official Publications*

Idaho (territory) Governor. Report ... made to the Secretary of the Interior for the year 1878 - [June 30, 1890.] Washington, Govt. Print. Off., 1878-1890. 252.21 G 74 R (1878-79 in 252.05 G. 74R).

None issued in 1882 and 1883.

1878/79 contains no statistical tables.

1879/80. In this report the following statement is made: "There is no record showing the status of affairs, especially as respects the progress and development up to the year ending June 30, 1879. Consequently the advance made during the past year could, at least, only be estimated. Moreover there is no bureau or other method provided for the collection of statistics of the resources, industries, products, etc., of the Territory...."

There are no statistical tables in this report. The descriptive paragraphs on agriculture and fruit, stock-raising and grazing, and timber contain estimated state totals of acreage or value. Average yield per acre of wheat and oats are also given.

1880/81. This report is similar to the one for the previous year, the only important addition being the price of dairy and beef cattle, p.12.

1883/84. No additional statistics.

1884/85. Similar to earlier reports with the addition of a table showing the cost of establishing a home on the desert lands of the Government.

1885/86. Gives tables showing production for eight counties, of wheat, oats, barley (or barley and other grains) flaxseed, cattle, horses, sheep, hogs, and hay; and total population.

Amount of land under cultivation is given for four counties; and the value of irrigation canals for five counties. Production of corn is given for Ada County.

1886/87-1889/90. In these reports a section is devoted to each county in which are given the production of the principal field crops and fruits, number of livestock, acreage under cultivation, and value of improved lands. These items vary with the counties and from year to year.

*The Agricultural Experiment Station and the Extension Service of the University are located at Moscow; the official State departments are located at Boise.

Idaho. Agricultural experiment station. Annual report, 1892-1924. 100 Id 1.
1892/93 is 1st (Bul. 6)

No reports issued 1902/09-1913/14.

1892/93, 1897/98, 1899/1900, 1914/15, 1923/24 are Bulletin 6, 15,
29, 84, 92, 104, 113, 119, 122, 129, 131, 133, 135.

1918/24 have title: Work and Progress.

These reports contain few statistics other than those of experiments
at the station.

Many of the reports contain weather statistics.

The report for 1904/05 contains a table showing the date of blooming
of various kinds of apples, pears, and peaches at numerous points in the
State in 1905.

Idaho. Agricultural experiment station. Bulletin no. 1 - 139. 100 Id 1.

This series deals primarily with work on experimental plots. Statistics
of this work have not been noted. Bulletins containing other agricultural
statistics are listed below:

No. 12. McCurdy, C.W. Sugar beets in Idaho, 1898. 73p.

This survey of the beet sugar industry gives dates of planting
thinning, and harvesting; average weight of beets, sugar in beets,
etc. A comparison of yield per acre in Idaho and other states is given.

No. 13. Bonebright, J. E. Meteorology. 1898. 88p.

This gives temperature, precipitation and weather conditions, monthly,
1894-1897.

No. 18. McCurdy, C.W., and Smith, Thorn. Sugar beet investigation in
1898. 1899. 526p.

In addition to data on experimental plots this bulletin contains
acreage of beets, yield per acre, beets consumed, price paid
for beets and average returns per acre by companies some of which
are in Idaho. The comparative costs of producing wheat and beets
are also given.

No. 23. Bonebright, J.E. 1. Meteorological records. 2. Prediction of
frost. 1900. 142p.

These weather records are for 1898 and 1899.

No. 29. 1. Report of the Director for the two years ending June 30,
1900. 2. Meteorological records. 1901. 35p.

Temperature, precipitation and weather reports are given daily for
1900.

No. 35. Bonebright, J.E. Meteorological records. Soil temperatures.
1903. 135p.

This gives daily temperature, precipitation and weather report for
1901, with five-year summary 1895-1900. Soil temperatures are also
given.

No. 49. Crosthwait, G.A. Soil temperatures 1903-1904. Summary of weather
data, 1894-1904. 1905. 8p.

No. 62. Nelson, Elias. Dry farming in Idaho. 1908. 42p.

An estimate of the cost of producing wheat in Idaho is given.

Precipitation in Idaho by stations in 1905 and 1906 is also given.

No. 72. Jones, J.S., Fishburn, H.P., and Colver, C.W. A report on the
milling properties of Idaho wheat. 1911. 65p.

This report is devoted principally to the analysis of wheat, but a
table is included showing temperature and precipitation from April
to July in 1909 and 1910 at five stations.

No. 93. Welch, J.S. Experiments with small grains under irrigation. 1917. 24p.

Climatological data are given for 1910-1916.

No. 123. Hunter, Byron. Preliminary report on farm organization in Twin Falls and Latah Counties. 1921. 11p.

This report is based on a study of 230 farms in the vicinity of Twin Falls. Statistics for Latah County are not included. The figures are for 1919 and include acreage in various crops, farm capital, receipts, expenses, average yield and value per acre, and horse and man labor required per acre for several crops. Cost of production of sugar beets is also given.

No. 132. Hunter, Byron. Preliminary report; Business analysis of 181 general crop, 11 dairy, and 10 fruit farms, Twin Falls County, Idaho, 1921. 1923. 19p.

This bulletin gives for 1921 figures similar to those given for 1919 in Bulletin 123.

A comparison is given for 1919, 1920, 1921 of the summary of results. Average farm prices, 1919, 1920, and 1921 are also given for many field crops.

No. 136. McDole, G.R., Christ, J.H. Farming practices for the cut-over lands of Northern Idaho. 1925. 23p.

Contains rainfall and frost periods, 1912-1924.

No. 138. Wakeland, Claude. Seasonal variation as it affects the activity and control of the alfalfa weevil in Idaho. 1925. 11p. Contains charts of temperature record at Parma, 1924.

Idaho. Agricultural experiment station, Circular no. 1, 1905; no. 1, 1915; no. 1-38, 1919-26. 100 Id 1.

The following circulars contain agricultural statistics:

No. 1. Crosthwait, G.A. Weather data 1903-04. Summary for eleven years, 1894-1904. 1905. 28p.

No. 21. Vincent, C.C. Growing head lettuce in Idaho. 1922. 11p.

Costs of harvesting and marketing lettuce in Idaho are given.

No. 28. Hickman, C.W., and Rinehart, E.F. Steer feeding experiments 1921-1922. 1922. 8p.

Contains price of feeds: p.4.

No. 29. Hickman, C.W. and Rinehart, E.F. Lamb feeding experiments, 1921-22. 1922 8p.

Contains price of feeds: p.5.

Idaho. Agricultural experiment station. Research bulletin, no. 1-4, Jan. 1922-Aug. 1925. 100 Id 1.

No. 1, 3 and 4 are not statistical.

No. 2. Hunter, Byron, and Nuckols, S.B. Farm costs and relative profitableness of seven crops, Twin Falls County, Idaho, 1919 and 1920. 1922. 24p.

This bulletin contains cost of production, and average profits on alsike clover seed, red clover seed, alfalfa hay, sugar beets, potatoes, beans and wheat.

Idaho. Agriculture, Department of. Biennial report. 1st - 3d, 1919-1924
2 Id 1.

Have also report with title: First annual report ... 1919.

For supplement to 1919, annual report, see Idaho. Department of Agriculture, Bureau of Animal Industry. Stallion registration (42.9 Id 1).

1919-20 is a mimeographed summary.

1921-22 was not published.

These reports deal primarily with the work and expenditures of the Department of Agriculture, including inspections of livestock, apiaries, crops, etc., also stallion registration, bounties paid for destruction of predatory animals, tuberculosis eradication and inspection of weights and measures.

The 1919 annual report gives for the state as a whole the number and value of dairy cows, other cattle, hogs, sheep and horses; fruit acreage and carlot shipments by kinds of fruit; and, by counties, number of colonies of bees, amount and value of honey produced and amount sold.

The report for the biennium ending December 31, 1920, gives the Census valuation of farm lands, buildings, implements, and machinery; the value of livestock by kinds; and the annual income for the state from the principal crops and livestock products.

The 1923-24 report gives the number of cars of the principal fruits and vegetables that were shipped under State and Federal inspection from various stations 1921 to 1924 inclusive. This report also contains the results of an orchard survey made in 1924 showing the number and age of trees by kinds and varieties of fruit. Total acreage and acreage by kinds of cover crops are given by district.

This report also contains the following lists: bonded nurserymen in the Northwest, licensed and bonded warehouses in Idaho, and Directory of American Stud Books.

Idaho. Agriculture, Department of, Bureau of Markets. Weekly markets bulletin.
v. [1]-2, no. 17, August 15, 1919-January 14, 1921. 280.39 Id 1 W.

Wanting: v.1, no. 21, Jan. 2, 1920; v.2, no. 10, 12, October 15, 29, 1920.

Ceased publication.

These bulletins contain, in addition to general market information and prices on various markets, the following tables:

Prices paid to farmers for eggs, poultry, hay in the various markets in the State, September 4, 1919, in no. 5, September 12, 1919, p.3; Useful market information [containing prices received and paid by the farmer, including those for labor] in no. 12, October 31, 1919, p.6-7; Comparative wheat and flour prices for Idaho [at various points--the table is undated] in no. 26, February 6, 1920, p.4; Retail price to consumers [of various cuts of meat], and Price paid farmers [for cows, steers, eggs and butter fat at numerous markets in Idaho--the table is undated] in no. 33, March 26, 1920, p.4.

Idaho. Auditor. Biennial report [1st] 1890/92; 1895-96; 7th - 17th, 1903/4--
1923/24. 252.21 Au2 (1918/19-21/22 in L.C.).

Report year irregular.

These reports quote the statistical tables from the Proceedings of the State Board of Equalization either fully or in part.

[The text in this section is extremely faint and illegible. It appears to be a series of paragraphs or a list, but the specific content cannot be discerned.]

Idaho. Controller. Report, 1889-90. 1890. 252,21 C76R

This report quotes from the Select Committee of Irrigation in Congress in August, 1889, a table showing number and length of irrigation ditches and number of acres irrigated and irrigable by county.

The assessors' statements 1889 and 1890 include the following statistics by county: acreage and value of patented lands; value of farm utensils; value of produce (1889 only); number and value of cattle, American cows, calves, graded cows, oxen, thoroughbred cows, thoroughbred bulls, beef cattle, horses, mules, jacks and jennets, Angora goats, (1889 only) hogs, colts and sheep; and value of all livestock (1890 only).

Idaho. Cooperative crop reporting service. Idaho crop reporter. Bulletin [monthly] no. 1-18, August 1919-May 1921.

No more published,

None issued February, 1920, December, 1920 to March, 1921.

No. 18 is dated April, 1921.

No. 16/17 is dated May, 1921.

These reports contain, during the crop season, acreage planted, condition reports, and estimates of production for the principal crops. Many issues contain estimated farm prices.

No. 3, October, 1919, gives carload shipments of potatoes from five commercial districts in Idaho, 1916/17, 1917/18 and 1918/19.

No. 4, November, 1919, gives carlot shipments of potatoes by stations in Idaho for 1916/17, 1917/18, 1918/19 and carload production by states, 1918 compared with the estimated production for 1919.

No. 5, December, 1919, is the annual crop report which gives acreage, production, yield per acre, total farm value, value per unit and value per acre of Idaho's principal crops. Production of wheat, oats, and barley is given by district and county for 1918 and 1919. For the "strictly commercial potato crop" statistics are given for many states including Idaho and for the United States showing average yield per acre, estimated production, 1918, 1919, per cent of crop in hands of growers and per cent lost after harvest in 1919.

No. 6, the January, 1920, livestock report, gives number and value of the principal kinds of livestock on farms, by District and County, January 1, 1920, (based on assessors' returns) and milk production for 1920. For the state as a whole, number, value per head, and total value of principal kinds of livestock are given annually 1916-1920.

No. 7, March, 1920, contains farm land values per acre in 1920 compared with Census of 1910 by district and county; similar figures for the state are given for 1918, 1919, and 1920. Average wages of male farm labor are given by district and county for 1919 and for the state 1910, 1918 and 1919.

No. 9, May, 1920, shows number of livestock lost from disease and exposure by the state annually 1917-1920. A correction of this table is contained in No. 10, June 1920.

No. 10, June, 1920, contains a table showing the percentage of different breeds of hogs, cattle, and sheep raised in Idaho and in the United States.

No. 12, August, 1920, gives number of hogs, cattle and sheep on Idaho farms July 1, 1919 and July 1, 1920.

No. 14, October, 1920, gives percentage of crop harvested in each month in Idaho for principal crops.

No. 15, November, 1920, gives carlot shipments of potatoes by stations, 1916/17, 1917/18, 1918/19, and 1919/20.

No. 16/17, May, 1921, is entitled Idaho Agricultural Review. The foreword states: "In issuing this number of the Idaho Crop Reporter, the idea has been to bring together, under one cover, as much as possible, all available data on Idaho agriculture ..."

In addition to the 1920 crop report and the livestock reports as of January 1, 1921, which are given by counties, state figures are given for many crops dating back to 1867 (taken from Federal sources) and climatological records are given, many of which date back to 1899, and some of which are as early as 1871. Wages of farm labor for the state compared with the United States are given for 1910 and annually for 1914 to 1920.

For similar statistics see U. S. Department of Agriculture. Bureau of Agricultural Economics. Division of Crop and Livestock Estimates. Idaho annual crop summary (listed under Federal publications)

Idaho. Dairy, food and sanitary department, State. Biennial report ... 5th, 1911-12. 389.49 Id12.

The 1911-12 report contains dairy reports showing number of cows and average daily production of milk by dairies in each county; also daily receipts of milk and output of cheese by factories.

Idaho. Equalization, State Board of. Proceedings ... 1901, 1904, 1905, 1907-18, 1921, 1923. 252.21 Eq2 (1901, 1904, 1907, 1908, 1921, 1923 in L.C.) 1913, 1914 not published?

These reports contain statistical tables showing acreage and value of different kinds of agricultural land, the number and value of many kinds and grades of livestock, and the value of agricultural implements. The items listed vary somewhat from year to year. Both reported and equalized values are usually given.

Idaho. Farm Markets, Department of. Annual report, 1st-4th, 1915-18. 280.39 Id 1

Third and fourth reports issued in one volume.

In 1919 the Department of Farm Markets became a bureau of the Department of Agriculture and statistics of crops and livestock were issued in the First Annual Report, 1919, of the department. Owing to lack of appropriations the Bureau of Farm Markets was discontinued the following year-- See the mimeographed summary for the biennium ending December 31, 1920, published by the Department of Agriculture.

The 1st and 2d reports contain no tables of statistics.

The 3d and 4th report, 1917-18 contains the following tables: reports of cheese factories and creameries showing quantity and value of milk and cream consumed, amount of product sold, amount on hand and amount received from sales in 1917; agricultural data for 1917-18, showing for each of these years by county, acreage of land in cultivation; acreage planted and yield per acre of wheat, oats, barley, corn, beans, peas, potatoes and sugar beets; acreage in alfalfa, clover, timothy, natural meadow; number of bearing and non-bearing apple and prune trees; number of tons of various kinds of hay cut; sales of various kinds of grass and clover seed, wheat, oats, barley, beans, peas, potatoes, sugar beets, butter, butter fat, milk, chickens, eggs; number of animals owned including common cattle, dairy cows, other than dairy cattle, hogs, sheep, draft horses and saddle horses; August 1, 1918, crop report showing 1917 and 1918 condition, production, yield per acre, and price of many crops for the state and for the United States; equalization report showing number and value of cattle, horses, sheep, hogs, and all livestock by counties in 1917; amount of grain threshed and seed hulled by county as reported by licensed threshermen and hullers; carload shipments of many commodities from Southern Idaho by counties in 1917; and amount of land in national forests in Idaho.

Idaho. Immigration, labor and statistics, Bureau of. The sunland of Idaho. Ada, Cassia, Canyon, Elmore, Washington. 1905, 48p. 252.21 Im6S.

This is a general description of the opportunities in these counties. The only tabular statistics given are for yield per acre of hay, potatoes, onions, wheat, oats, barley, watermelons, cantaloupes, strawberries, raspberries, blackberries, dewberries, apples and prunes. (The table is not dated)

Idaho. Immigration, labor and statistics, Department of. Annual report, 1st, 1899, 1911-.

The report for 1899 contains descriptions of the counties. For some counties statistics are given showing production of wheat, barley and oats, 1898 and 1899, and number of horses, cattle and sheep, and number of acres of patented lands, 1899. Average wages for farm labor including stock and sheep tenders are also given.

1911 gives yield per acre of various crops quoted from the U. S. Department of Agriculture crop report. No other statistics are given.

Idaho. Immigration, labor and statistics, Department of. Biennial report. 1903-12, 1919-20, 252.21 Im6R.

1903-04 is 3d; 1907-12 are 5th-7th. 1905-06 has title: Official report ...

1903-04 was reprinted in a bulletin of 283 pages with cover-date 1905. None published 1913-18.

1903-12 were published by the Bureau of Immigration, Labor and Statistics which went out of existence and was reorganized as a department in 1919.

The reports contain general descriptions of the resources and possibilities of Idaho. The 3d to 5th reports devote a section to a detailed description of each county. Climatological data are given in each report. Statistical tables include the following:

1903-04. Number and value of cattle, dairy cows, sheep, stock, horses and swine by county.

1905-06. Value, number of workmen, wages, amount and value of output of creameries and dairies by company; production, number of employees, capacity, and number of farmers growing beets for sugar factories by factories; retail prices of articles of food at Boise, Pocatello, Idaho Falls and Lewiston; wages and number of laborers in various occupations including millers, creamery men, meat packers, and sugar workers.

1907-08. Irrigation statistics by county; number of farmers and total farm population, and acreage in farms by counties; acreage, yield per acre, and production, by counties, for wheat, oats, barley, rye, corn, timothy, alfalfa, clover, grain-hay, hay-grasses, orchards, potatoes and sugar beets; acreage in gardens; production of alfalfa, timothy, and clover seed, and butter by county; number of fowls and number of eggs produced by county; number and assessed valuation of various kinds of livestock by county; statistics of creameries and of the beet sugar industry similar to previous years; and retail prices of articles of food.

1909-10. By county, number of farms, total farm population, acreage in farms; acreage, yield per acre and production of wheat, oats, barley, rye, corn, timothy, alfalfa, clover, grain-hay, hay-grasses, orchards, potatoes, sugar beets; acreage in gardens; number of pounds of seed and butter produced; number of fowls and production of eggs; number and value of various kinds of livestock, and retail prices of food-stuffs.

1911-12. Statistics similar to those in the previous report are given; also, production and value of "principal 1912 surplus products" for the state; acreage and valuation of various kinds of farm lands, including Indian lands; acreage being irrigated, and susceptible of irrigation; and acreage and production of sugar beets and production of sugar.

1919-20 contains no statistical tables.

Idaho. Reclamation, Department of. Biennial report. 1st-3d. 1919/20-23/24. 292.9 Id 1.

For earlier reports of the State engineer see Idaho. State engineer. Biennial report. 290.9 Id 12.

These reports contain statistics of water supply for irrigation by lakes, canals, etc.

Idaho. University. College of agriculture. Extension department.

An estimate of labor needed during the coming season and a statement of crop acreage, livestock, seed and other farm supplies wanted or for sale. 1918. Five leaves typewritten.

"Agricultural census by schools, etc., 1918 summary for State of Idaho ... Conducted under the joint auspices of the public school system of the State, the Extension division of the State University, and the United States Department of Agriculture."

Gives, in addition to the labor figures, the number of fruit trees, acreage of grapes and berries, number of bushels of apples and peaches sold; number of dairy cows, bulls, beef cows, steers, horses and mules, rams, breeding ewes, boars, brood sows, and pigs on hand and increase over previous year; animals to be bought and sold; acreage planted in 1917 and to be planted in 1918, acres harvested and amount harvested in 1917 of wheat, oats, barley, corn, peas, beans, potatoes, sugar beets, hay, rye, and clover seed, and amount of alfalfa and timothy seed harvested; and amount of seed to be bought and for sale.

Idaho. Veterinary surgeon, State. Annual report [1st]-13th, 1905-17.
41.9 Id 1.

Wanting: 3d, 1907.

None published for 1918?

The State Veterinary Surgeon's office was succeeded in 1919 by the Bureau of Animal Industry, the report of which is contained in the Annual Report of the Idaho Department of Agriculture, 2 Id 1.

These reports refer principally to livestock inspection and registration and bounties paid for the destruction of predatory animals.

Idaho agricultural review. See Idaho. Cooperative crop reporting service.
Idaho crop reporter. Bulletin.

Idaho crop reporter. See Idaho. Cooperative crop reporting service. Idaho crop reporter. Bulletin.

Some Federal Publications Relating to Agricultural

Statistics in Idaho *

U.S. Department of Agriculture.

Aicher, Louis C. Growing grain on southern Idaho dry farms. Washington, 1916. 23p. (Farmers' Bul. 769)

Fluharty, Lee W. Cropping systems for the moister portion of eastern Washington and Oregon and northern Idaho. [Washington, 1918] 12p. (Bul. 625)

Hunter, Byron. Bean growing in Northern Idaho, Eastern Washington and Eastern Oregon. (Farmers' Bul. 1509, a revision of Farmers' Bul. 907. In Press)

Hunter, Byron, and Nuckols, S.B. An economic study of irrigated farming in Twin Falls County, Idaho. (Bul. 1421. In Press)

The national forests of Idaho. Prepared by the intermountain and Northern districts of the Forest service. Washington, 1926. 34p. (Miscellaneous Circular 61) Contains the following tables: Lumber cut in Idaho, 1915-1923 (all species); Distribution of timber in Idaho; Estimated sustained annual yield of Idaho national forests;

* This list contains only those publications which deal primarily with Idaho. Publications such as the Agriculture Yearbooks and Crops and Markets, which publish statistics for all states, have not been included.

Stand of national forest timber by forests and species; number of livestock actually grazed on national forests of Idaho, season of 1924 (grouped as "cattle and horses" and "sheep and goats"); National forests of Idaho--headquarters and area; and Forest fires in Idaho.

There are dot maps illustrating some of the tables.

Rinehart, E.F. The sheep industry on the Minidoka reclamation project. Washington, 1917. 28p. (Bul. 573)

Thomson, S.M., and Miller, G.H. Cost of production of apples in the Payette Valley, Idaho. A detailed study of current cost factors involved in the maintenance of orchards and the handling of the crop on 38 representative bearing orchards, Payette district in Western Idaho. Washington, Govt. Print. Off., 1918. 36p. (Bul. 636).

U.S. Department of agriculture. Bureau of agricultural economics. Division of crop and livestock estimates. Idaho annual crop summary, 1921-1925.

Issued by the Agricultural Statistician at Boise.

These reports give annual figures for the year with the revised figures for the previous year.

The agricultural statistician also issues crop reports during the year.

U.S. Department of agriculture. Bureau of agricultural economics. Division of farm management and cost of production. Cost of wheat production and incomes from farming in eastern Washington and northern Idaho for the years 1919, 1920 and 1921. Preliminary report. Washington, 1923. 37p. Mimeographed. 1.9 Ec75Wh.

U.S. Department of agriculture. Forest service. Forest reserves in Idaho. Washington, 1905. 90p. (Bul. 67) 1 F76B no. 67.

U.S. Department of commerce. Bureau of the census. Thirteenth census of the United States taken in the year 1910. Statistics for Idaho containing statistics of population, agriculture, manufactures, and mining for the state, counties, cities, and other divisions. Reprint of the Supplement for Idaho published in connection with the abstract of the Census. Washington, 1913. p. 265-652.

U.S. Railroad administration. Idaho. [Chicago, Poole Brothers, 1919?] 35p. (Agricultural series, No. 17) 31.3 Un33 no. 17.

Some Unofficial Publications Which Should be Examined
for Possible Statistics of Idaho's Agriculture

Campbell, J.L. The great agricultural and mineral West; a handbook and guide for the emigrant, to the most inviting agricultural fields of the Western states, and to the richest gold and silver regions of the Rocky Mountains and the Pacific slope ... 3d annual edition. Chicago, Church, Goodman & Donnelley, printers, 1866. 79p.

Other editions should be consulted.

Donan, Patrick. The Columbia River empire. Portland, Oregon, The Passenger department of the Oregon railroad and navigation company [1899] 68p.

Cover-title: Oregon, Washington, Idaho and their resources.

Eiffe, Carl Cesar. Früchte deutscher arbeit. Dreizehn jahre farmleben im fernen westen Nord-Amerikas. Leipzig, Dieterich'sche verlags-buchhandlung, T. Weicher, 1910. 225p.

Contains information on fruit culture in Idaho.

Hall, R.M. Oregon, Washington, Idaho and their resources. [Portland, Oregon] 1904. 88p. 252 H14.

Published by the passenger departments of the Oregon Railroad & Navigation Company, Southern Pacific Company (Lines in Oregon).

Hawley, James H., ed. History of Idaho, the gem of the mountains. Chicago, The S.J. Clarke publishing Co., 1920. 4v.

V. 2-4 are biographical.

History of Idaho Territory, showing its resources and advantages. San Francisco, Cal., W.W. Elliott & Co., 1884. 302p.

Idaho honey producers association. Annual convention. 5th-6th, 1916-17.

Idaho Falls, [1916-17] 424.9 Id1

1st-4th not published (letter)

Idaho irrigation congress. Proceedings of the joint conference of the irrigation, engineering and agricultural societies of Idaho. 1st-2d. 1918-1919. Twin Falls, 1919. 55.9 Id 1

Reports of the two meetings are in one volume. They include papers discussing various irrigation problems. The statistics given are for flow of water and cost of operation and value to farmers at various points in the state.

This conference "grew out of the annual conferences of operating engineers and project managers held at Boise during the six years prior to 1918." - Foreword.

Idaho-Oregon fruit growers association. Annual report of general manager [1913/14] Spokane, Washington [1914?] 81 Id 1

Idaho pear company. The Idaho pear. 1889. Pam. coll. Idaho

Idaho seed growers' association. Annual report 2nd- 1920- Boise, 1920- 61.9 Id 1S.

Idaho seed growers' association. Proceedings of the annual convention, 2d-3d. 1913-14. [n.p., 1913-14] 61.9 Id 1.

1st report not printed (letter)

Idaho state horticultural association. [Proceedings of the] annual meeting ... 19th- 1920- Payette, Idaho, 1920-

Proceedings for 1920 were probably the first published.

Iddings, E.J. Idaho. (In the Book of rural life, v.5. p.2769-2783) 30.1 B64

At the end of this article, which gives a general description of Idaho, is a table showing 1910 and 1920 census figures, for the state, for population, number of farms, farm tenure, value of farms, and value of principal crops and of kinds of livestock.

An illustrated history of north Idaho, embracing Nez Percés, Idaho, Latah, Kootenai and Shoshone Counties, state of Idaho. [n.p.] Western Historical Publishing Company, 1903. 1288p.

Onderdonk, J.L. Idaho; facts and statistics concerning its mining, farming, stock-raising, lumbering, and other resources and industries. Together with notes on the climate, scenery, game and mineral springs. San Francisco, A.L. Bancroft & Co., 1885. 150p. 252.21 On 1

This description of the resources of Idaho is for the "information for the home-seeker, capitalist, prospector, and traveler."

Yield per acre of wheat, rye, oats, barley, potatoes, and corn in Idaho is compared with yield in Nevada, California, Oregon, and Eastern States.

An estimate of number of cattle by county is given for 1885 (?)

1880 census is quoted for farm areas, and values, number of horses, mules, oxen, milk cows, other cattle, sheep, and swine, and the production of wool, milk, butter and cheese.

A table of wages in Idaho, p. 145, includes wages of butchers, dairymen, farm hands, lumbermen, millers, and shepherds.

Parker, A.F. Idaho county, Idaho, a paradise for farmers, stockmen, miners, hunters and prospectors; homes for immigrants and opportunities for capitalists. Grangeville, 1891. 16p. 252.21 P221.

Redway, J.W. Idaho. Philadelphia, J.B. Lippincott Co., 1890. 7p.

Appears, with statistics revised, in Chamber's encyclopaedia, London, 1891-93, v.6.

Schleicher, Robert. Grape culture in Lewiston-Clarkston Valley. Lewiston, Idaho [etc] 1906. 22p. 95 Sch32.

Strahorn, R.E. Resources and attractions of Idaho Territory. Boise City, 1881. 88p. 252.21 St8R.

Published and circulated by direction of the Idaho legislature.

Twin Falls north side land and water co., Agricultural department. Irrigator's hand book; a compilation of suggestions on various agricultural subjects for settlers on the Kuhn irrigation projects in southern Idaho ... Jerome, Idaho, 1909. 96 p. 31.3 T92

Union Pacific railroad. Facts about Idaho. Union Pacific R.R., Oregon short line R.R. [Omaha, Neb., 1911?] 38p. 252.21 Un3

Union Pacific railroad company. The resources and attractions of Idaho; facts on farming, stock raising, mining, lumbering, and other industries, and notes on climate, scenery, game, fish, and health and pleasure resorts ... With the compliments of the Passenger department. Chicago, Rand, McNally & Co., printers, 1898. 72p.

Cover-title: Idaho; a complete and comprehensive description ...

Much of the original matter was prepared by Robert E. Strahorn.

Other editions should be consulted.

Some Periodicals Published in Idaho Which Should be Examined for
Possible Statistics of Agriculture, Especially for Prices.*

The Critic; an exploitative monthly magazine devoted to Idaho--the land of opportunity. v.1; January-June 1906. Boise, the Critic Co., ltd., 1906. [512]p.

Continued as Northwest Magazine.

Gem state rural and livestock journal [monthly] v.6-v.22, no.3 Oct. 1, 1900-Sept. 1916. Caldwell, Idaho, 1900-1916. 6 G282

Incomplete.

Feb. 15?, 1901, not published; v.16, no.1. not published.

v.6, no.1-22, semi-monthly.

v.7, no.1-v.12, no.30, weekly.

v.13-v.22, no.3, monthly

Absorbed Canyon county chronicle with v.8, no.1.

v.6-v.15, no.8 have title; Gem state rural.

Sept. 7, 1916, united with Idaho farmer under title:

Gem state rural and the Idaho farmer. See Idaho farmer.

Idaho country life. v.1-6, no.8; Mar. 1908-May 1913. Moscow, 1908-13. 6 Id1

Wanting; v.1, no.2-end of vol.

Published monthly during the school year.

v.1 published quarterly.

v.1-v.4, no. 9 have title: Idaho student farmer.

No more published. Letter Apr. 5, 1914.

Idaho farmer [weekly] v.1-v.4, no 4; June 1, 1914-Feb. 1, 1916; v.34, no.20-v.34, no. 48, Feb. 17-Aug. 31, 1916 (6 Id12) v.34, no. 49-v.35, no.13, Sept. 7, 1916-Dec. 28, 1916; v.22, no.27-date, Jan.4, 1917-date. Spokane, Wash., 1900-date. 6 G282.

Wanting: v.24, no.23-32, 34-35, Dec. 5, 1918-Feb.6, 20-27, 1919.

v.1-v.4, no.4, published semi-monthly.

Feb.1, 1916, absorbed Spokane edition of Agricultural age and took its volume numbering.

Sept. 7, 1916, combined with Gem state rural as Gem state rural and the Idaho farmer, continuing the numbering of the Idaho farmer.

Sept.7, 1916-date have running title: Idaho farmer.

Oct. 12, 1916-Feb.12, 1920, have title: Gem state rural consolidated with the Idaho farmer.

Feb. 19, 1920-date have title: Idaho farmer.

Jan. 1917-date apparently resumes volume numbering of Gem state rural.

Idaho ranger and brand advertiser [monthly] v.1-v.2, no.1; Mar. 1919-Sept.1920. Mackay, Ida., 1919-20.

Wanting: v.1, no.10/11, March, 1920.

Official publication of the Idaho Cattle and Horse Growers' Association.

Suspended publication. (card, June 1, 1921)

* A list of the newspapers and periodicals of Idaho may be found in the biennial reports of the Commissioner of Immigration, Labor and Statistics, the last of which was the 7th, for the years 1911-12. 252.21 Im6R

Idaho student farmer. See Idaho country life.

Potato exchange news. [monthly] v.1, no.2; v.2, no.3; Dec.5, [1923], Jan. 15, [1925?] [Idaho Falls, 1923-25?] 75.8 P843
Published by the Idaho potato growers exchange.

Periodicals Not in the U.S. Department of Agriculture
Library to Which References Were Found

Idaho industrial institute gleaner.

Not listed in Ayer's Newspaper Annual for 1926.

Intermountain farmer. [monthly] Idaho Falls.

Listed in Ayer's Newspaper Annual for 1926.

Kootenai farm news. [weekly] Coeur d'Alene.

Listed in Ayer's Newspaper Annual for 1926.

Mackay miner. [weekly] v.1-Feb. 1906-08 [irrigation]

Continued as a non-agricultural periodical.

Palouse and inter-mountain farmer, Moscow, Idaho. [monthly] v.1-2 (?) Sept. 1901-03.

Not listed in Ayer's Newspaper Annual for 1926.

Sugar City times. [weekly] v.1, Oct.1904. Sugar City, Idaho.

Not listed in Ayer's Newspaper Annual for 1926.

Western poultry advocate. [monthly] v.1- Lewiston, 1909-July 1910.

Not listed in Ayer's Newspaper Annual for 1926.

